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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/061,004	01/30/2002	Arvind Srinivasan		6595

7590 10/19/2006

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EXAMINER

LEWIS, CHERYL RENE A

ART UNIT PAPER NUMBER

2167

DATE MAILED: 10/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/061,004

Applicant(s)

SRINIVASAN, ARVIND

Examiner

Cheryl Lewis

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 3-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to the applicants' amendment received on July 31, 2006.
2. Claims 3-5 are presented for examination.
3. The applicant's has cancelled claims 1 and 2 and have introduced new claims 3-5 in the amendment received on July 31, 2006.
4. Applicants' arguments with respect to claims 3-5 have been considered but are deemed to be moot in view of the new grounds of rejection.

Drawings

5. Drawing figures 1 and 2 are objected to under 37 CFR 1.84(m) because they fail to show the necessary textual description stated in the drawing figures of figures 1 and 2. The textual description is not visually readable because of the black shading on the drawing figures. Section 37 CFR 1.84(m) of the MPEP states that solid black shading is not permitted. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be

Art Unit: 2167

canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tucciarone (Publication No.: US 2003/0009385 A1 filed December 26, 2000, hereinafter Tucciarone) and Oppenheimer et al. (Publication No. US 2003/0014477 A1 filed March 22, 2001, priority to provisional application no. 60/191,085 filed on March 22, 2000, hereinafter Oppenheimer).

8. Regarding Claim 1, Tucciarone teaches an electronic messaging system and method thereof.

Art Unit: 2167

The method and associated system for an electronic messaging system as taught or suggested by Tucciarone includes:

accepting the data and staging data in a staging area (paragraphs 0019, 0083, 0103-0104); determining for each receiving cell the handlers (processing logic) (paragraphs 0051-0052, 0066-0067, and 0099-0103) based on the property of the incoming data and receiver cell (paragraphs 0109-0117); handlers operate on the incoming data and store the data into cell according to processing specification of the cell which includes: filtering rules, organization rules, conversion rules (paragraphs 0051-0052, 0066-0067, 0099-0103, 0144-0148); handlers verifying post processing the data to determine whether data processed correctly for all receiver cells perform the following: successful completion, close the transaction and perform cleanup (paragraph 0103 and 0108); if temporary or retry-able errors are found scheduling the retry operation with the DPU (paragraphs 0051-0052, 0066-0067, 0099-0103, 0144-0148); and on permanent errors, log the errors and close the transaction and perform cleanup (paragraphs 0051-0052, 0066-0067, 0099-0103, 0144-0148).

However, Tucciarone does not expressly teach encryption.

Oppenheimer teaches encryption (paragraph 0029).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the electronic messaging system of Tucciarone with the electronic messaging system of Oppenheimer because Oppenheimer's electronic messaging system could enable the electronic messaging system of Tucciarone to

Art Unit: 2167

comprise an encryption technique wherein the encryption technique provides data security and protects data from making the data resistant to security reaches.

9. Regarding Claim 4, Tucciarone teaches the cell and grid can be read and manipulated by various privileged users and processes from one or more applications (paragraphs 0051-0052, 0066-0067, 0099-0103, 0144-0148).

10. Regarding Claim 5, Tucciarone teaches to split cell 0103 and 0108; to merge two or more cells into one; to purge cell or cells 0103 and 0108; and to control the life-span or retention of data within the cell (paragraphs 0103, 0108, 0051-0052, 0066-0067, 0099-0103, 0144-0148).

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Art Unit: 2167

NAME OF CONTACT

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the

Application/Control Number: 10/061,004

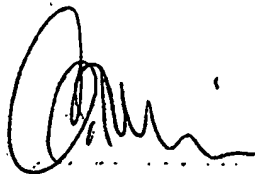
Page 7

Art Unit: 2167

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in cursive script, appearing to read "Cheryl Lewis".

Cheryl Lewis
Patent Examiner
October 13, 2006

A handwritten signature in cursive script, appearing to read "Cheryl Lewis".